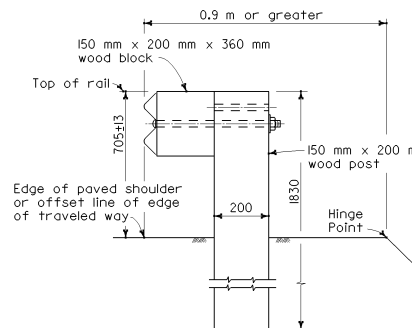


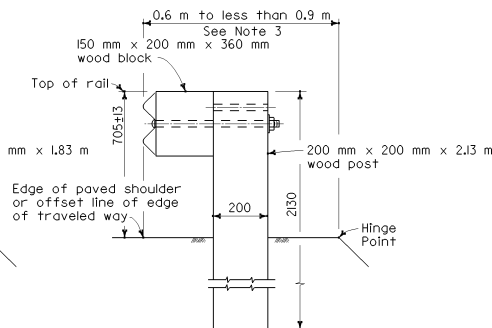


DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
Ellis K. Hirst REGISTERED CIVIL ENGINEER July 1, 2004 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet. To get to the Caltrans web site, go to: <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a>					
Ellis K. Hirst No. C17926 Exp. 6-30-05 CIVIL STATE OF CALIFORNIA					



**DETAIL A**  
**TYPICAL ROADWAY**  
**INSTALLATION**

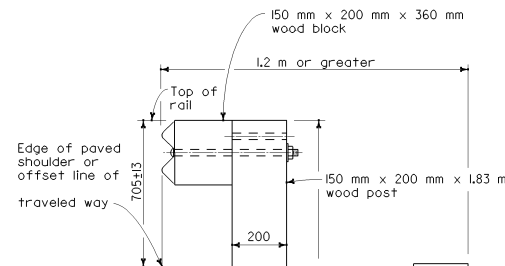
See Note 1



**DETAIL B**  
**NARROW ROADWAY**  
**INSTALLATION**

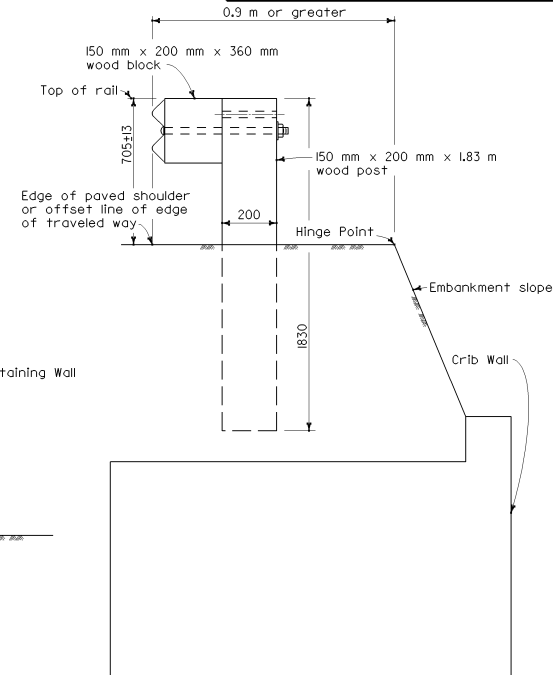
See Note 1

**POST EMBEDMENT**



**DETAIL C**

**INSTALLATION AT EARTH RETAINING WALLS**



**DETAIL D**

**NOTES**

- These installation details also applicable to steel line post installations with notched blocks. For additional installation details, see Standard Plans A77A1 and A77A2.
- Where the distance between the face of the rail and the hinge point is less than 0.6 m, see the Project Plans for special details.
- For dike positioning with guard railing installations, see Standard Plan A77C4.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**METAL BEAM GUARD RAILING**  
**TYPICAL LINE POST**  
**EMBEDMENT AND**  
**HINGE POINT OFFSET DETAILS**

NO SCALE  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

**A77C3**